

**FIG. 1A**

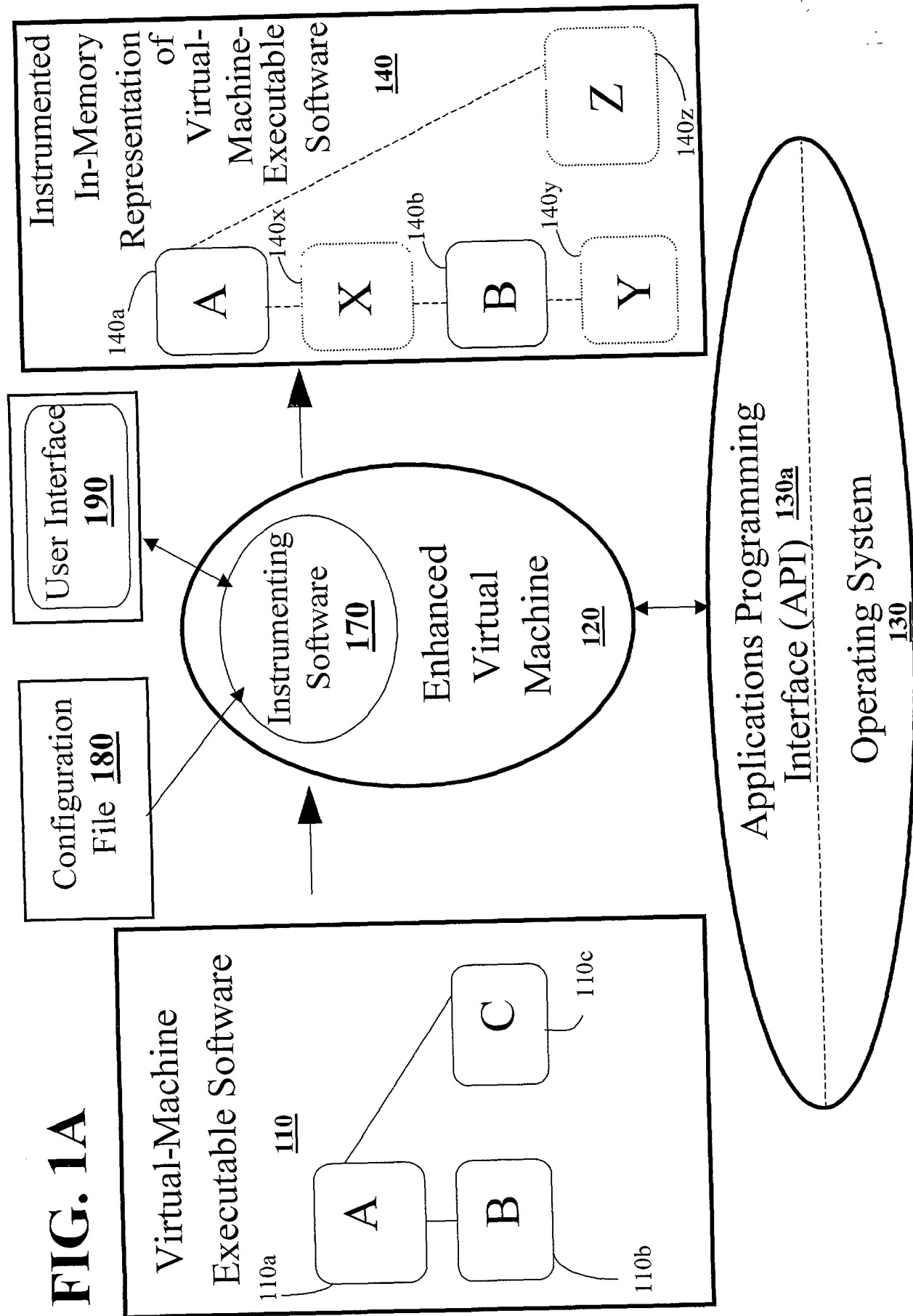
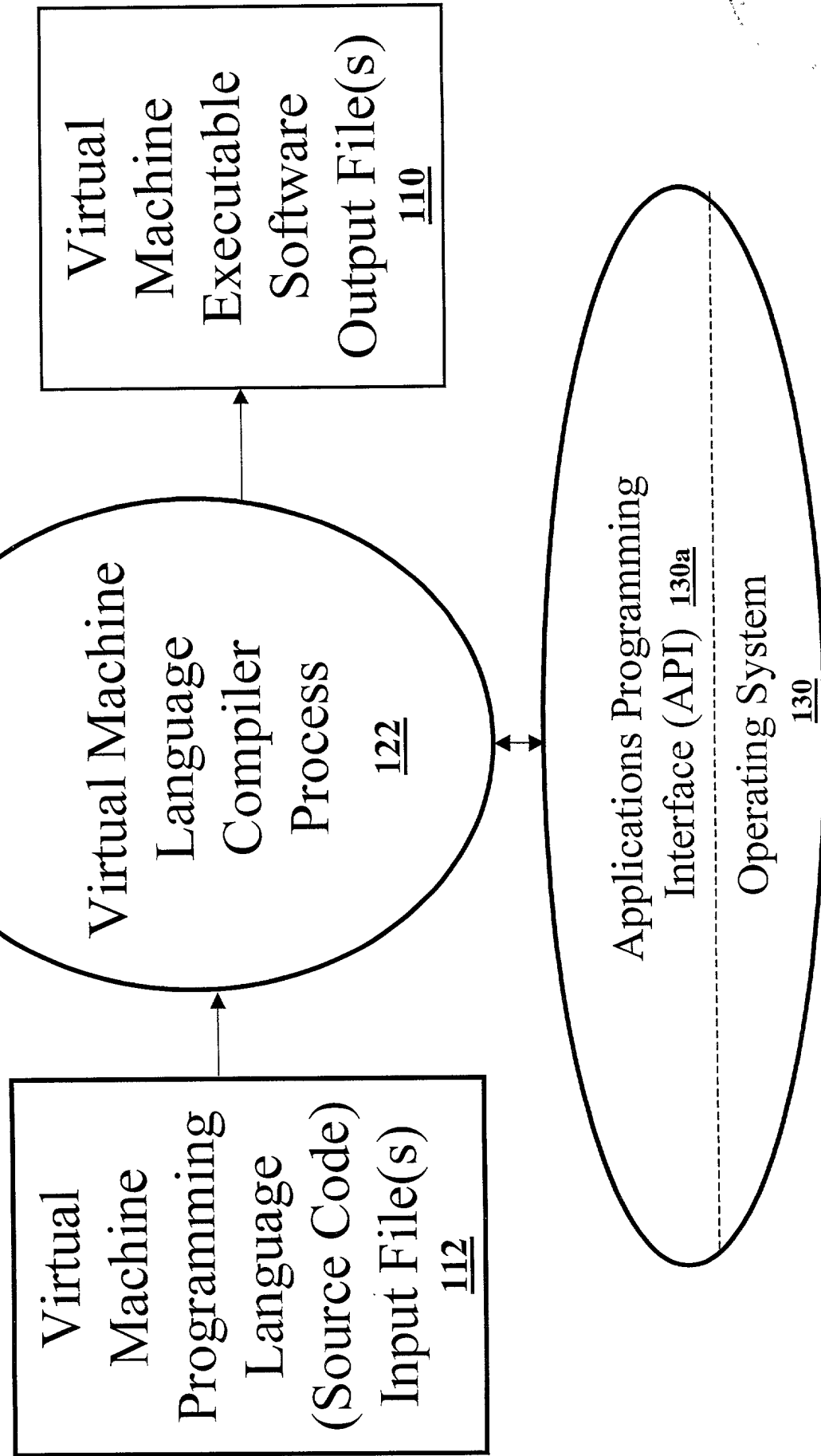


FIG. 1B



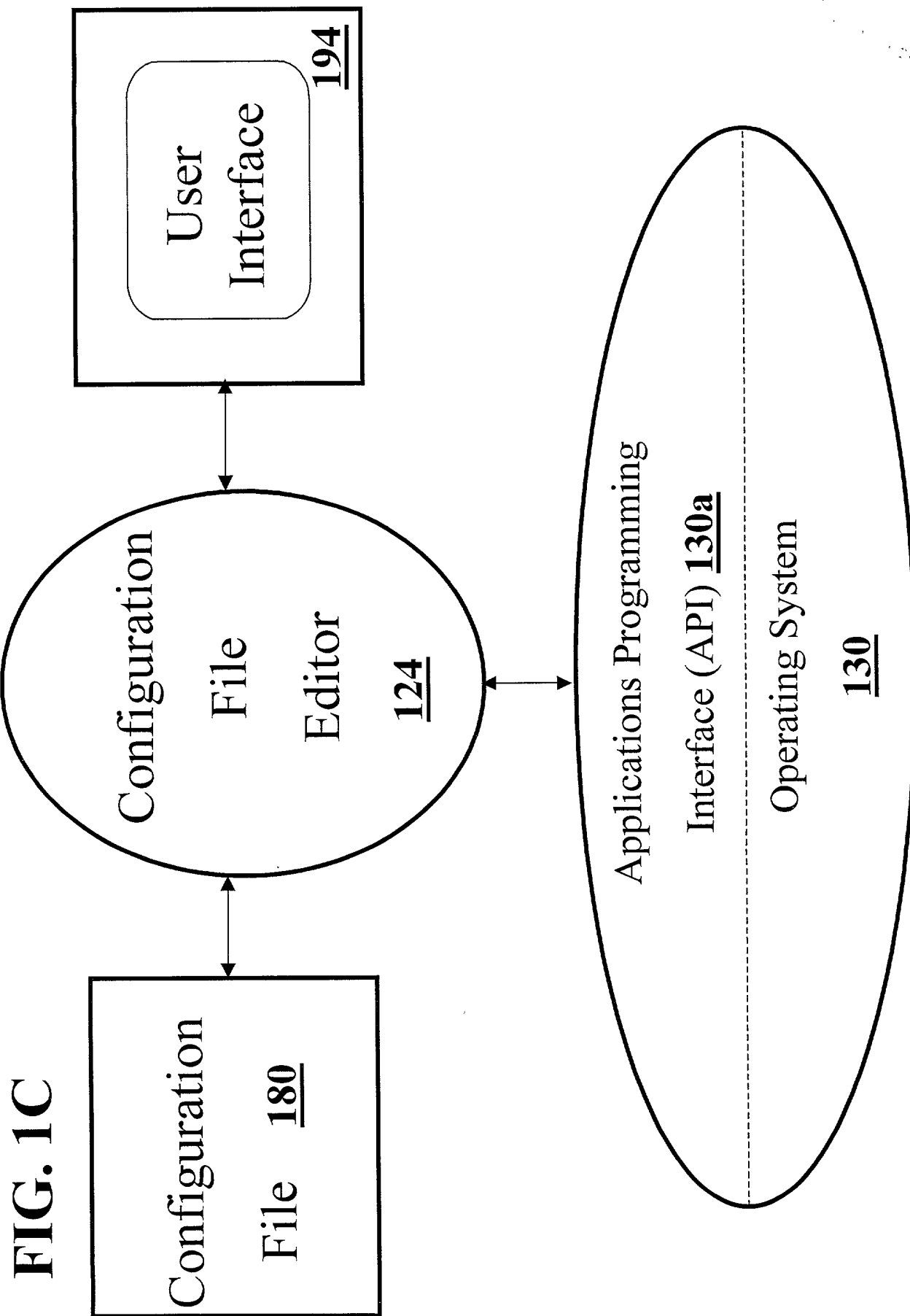


FIG. 2

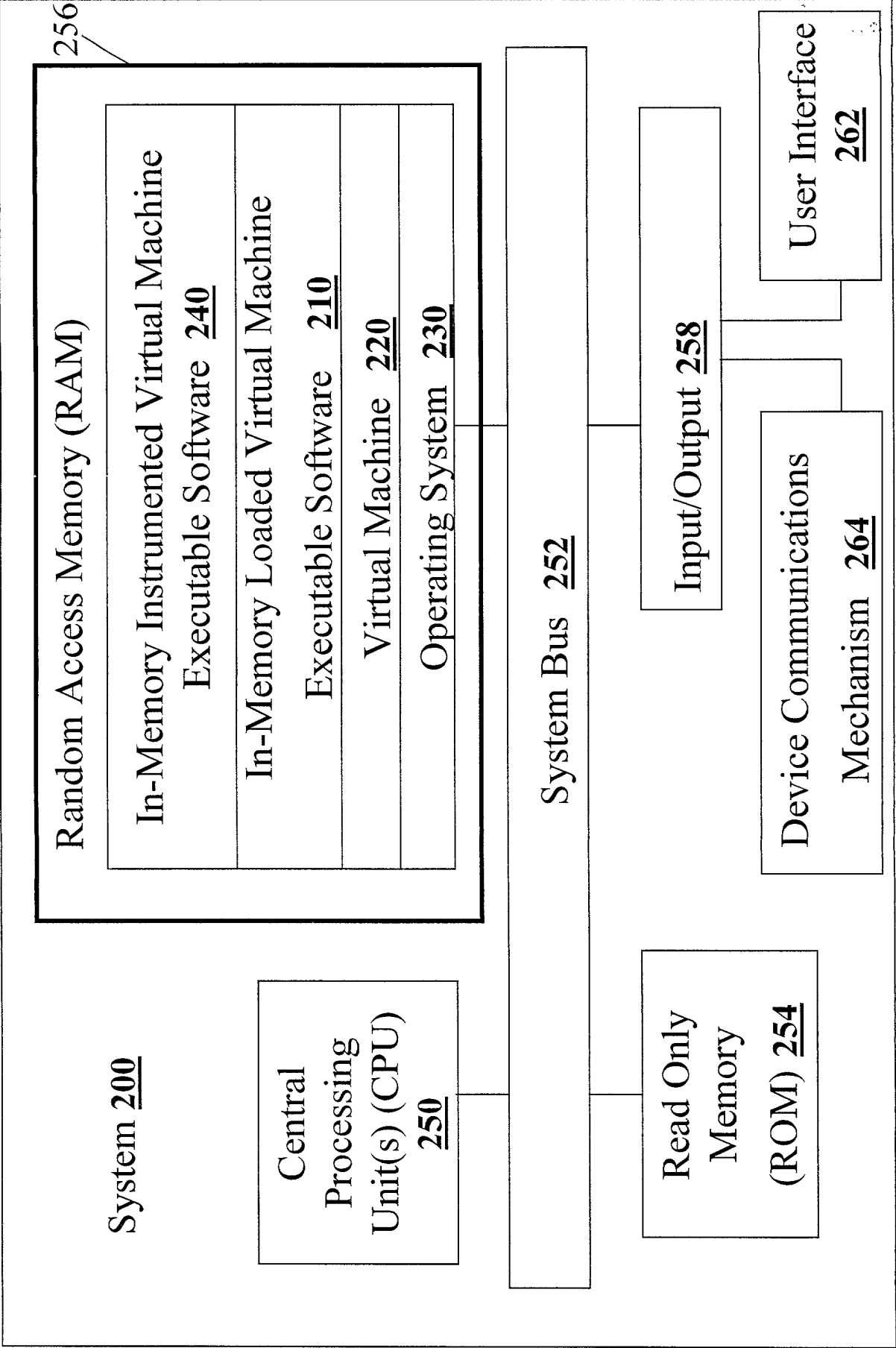
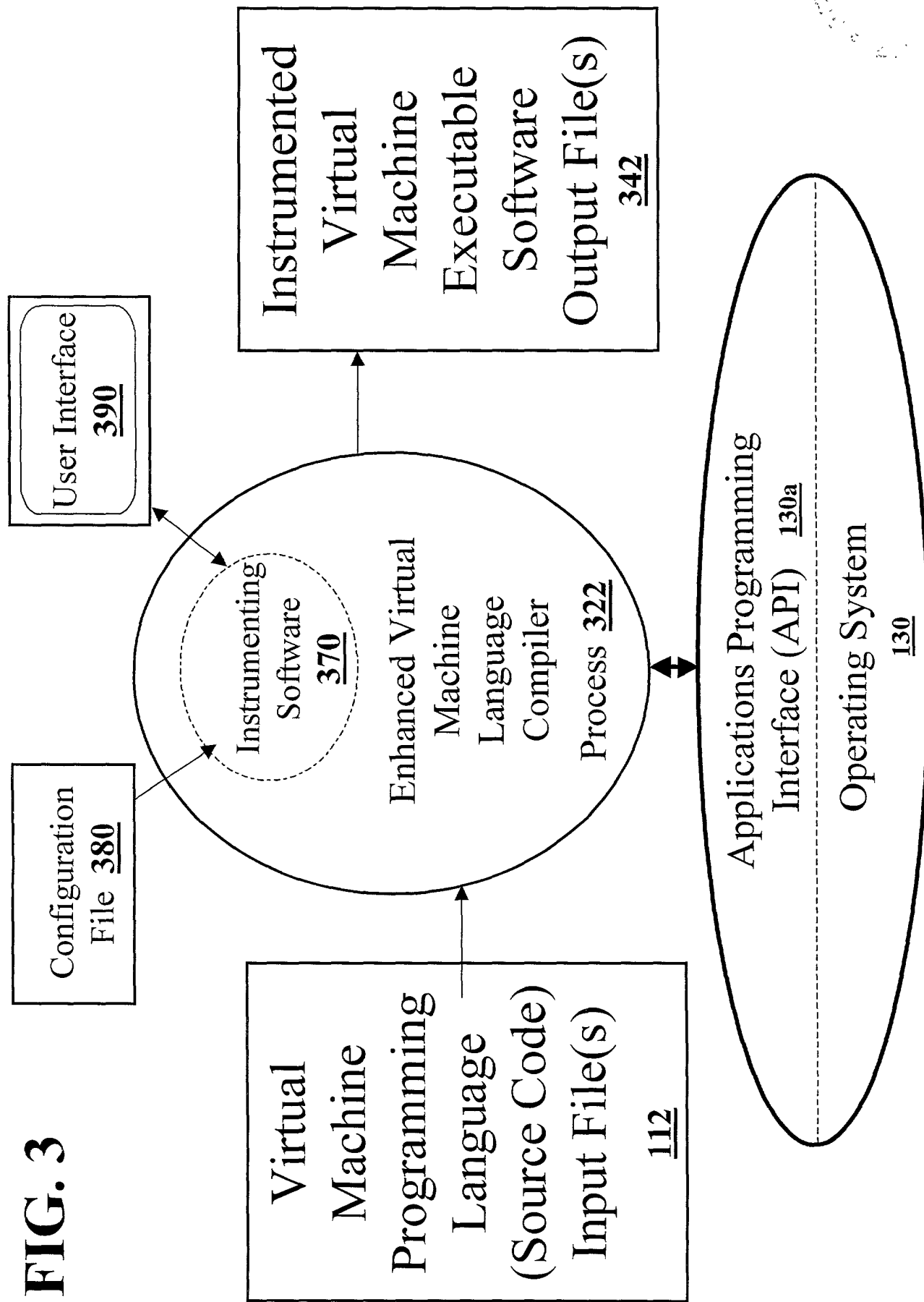
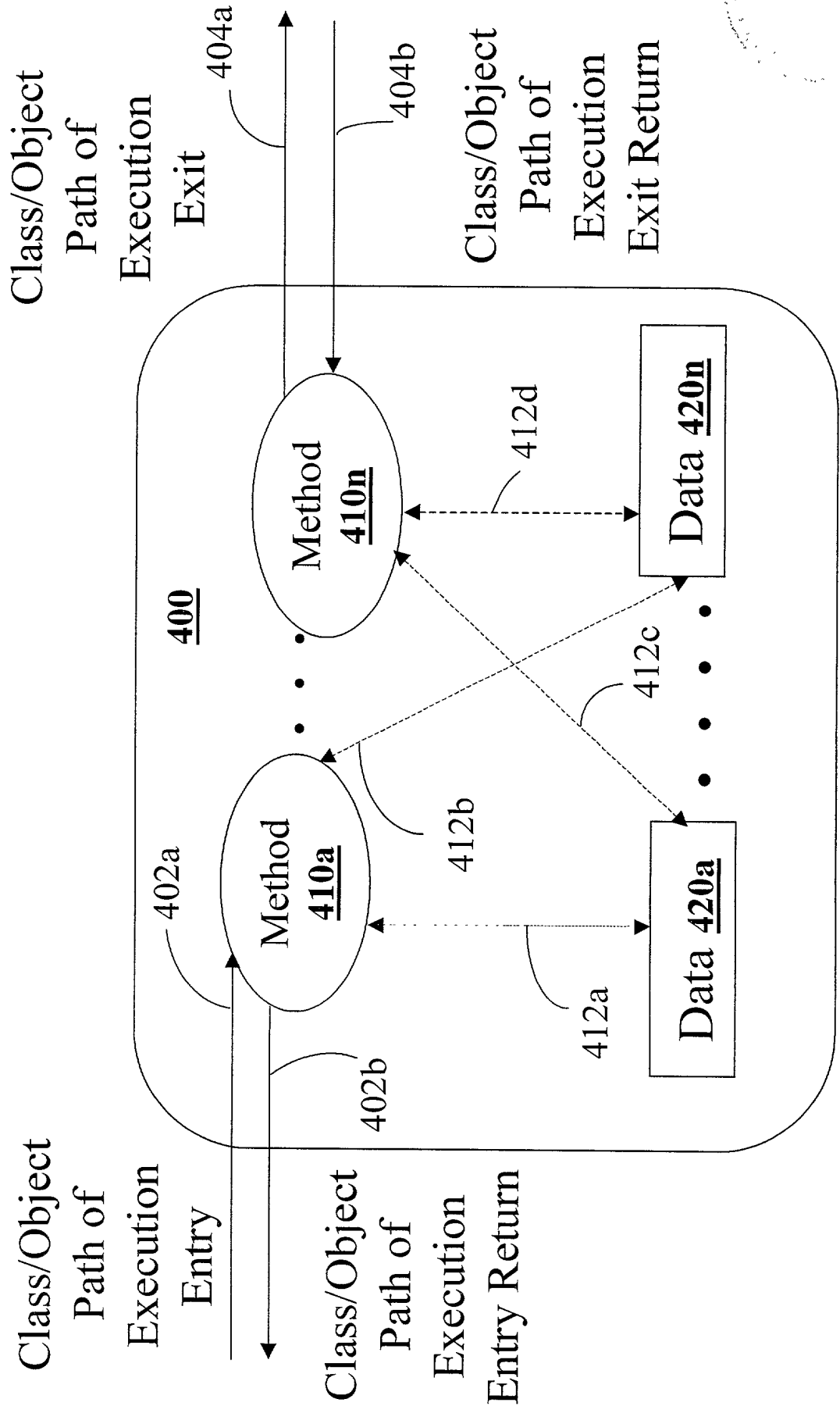


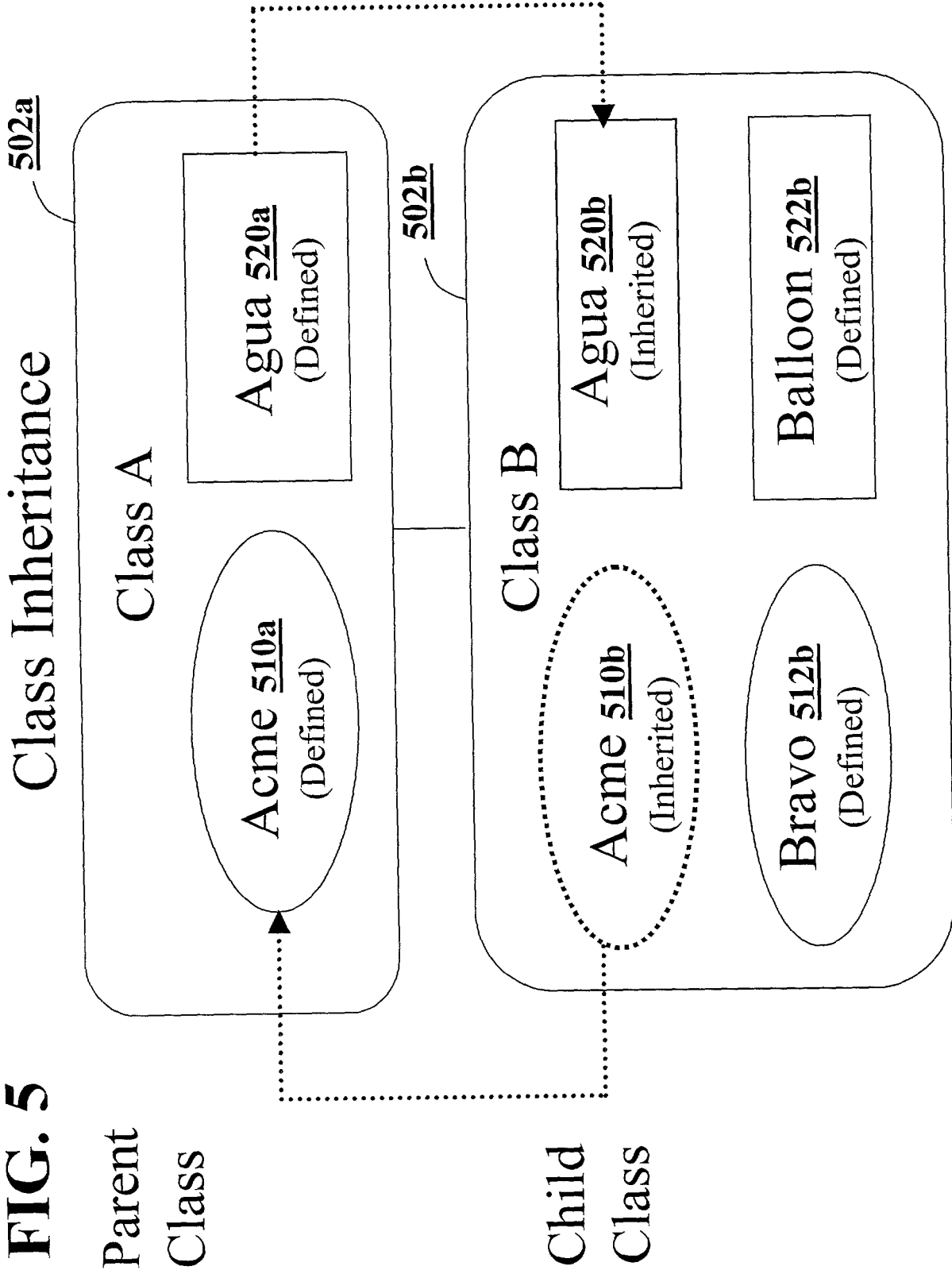
FIG. 3



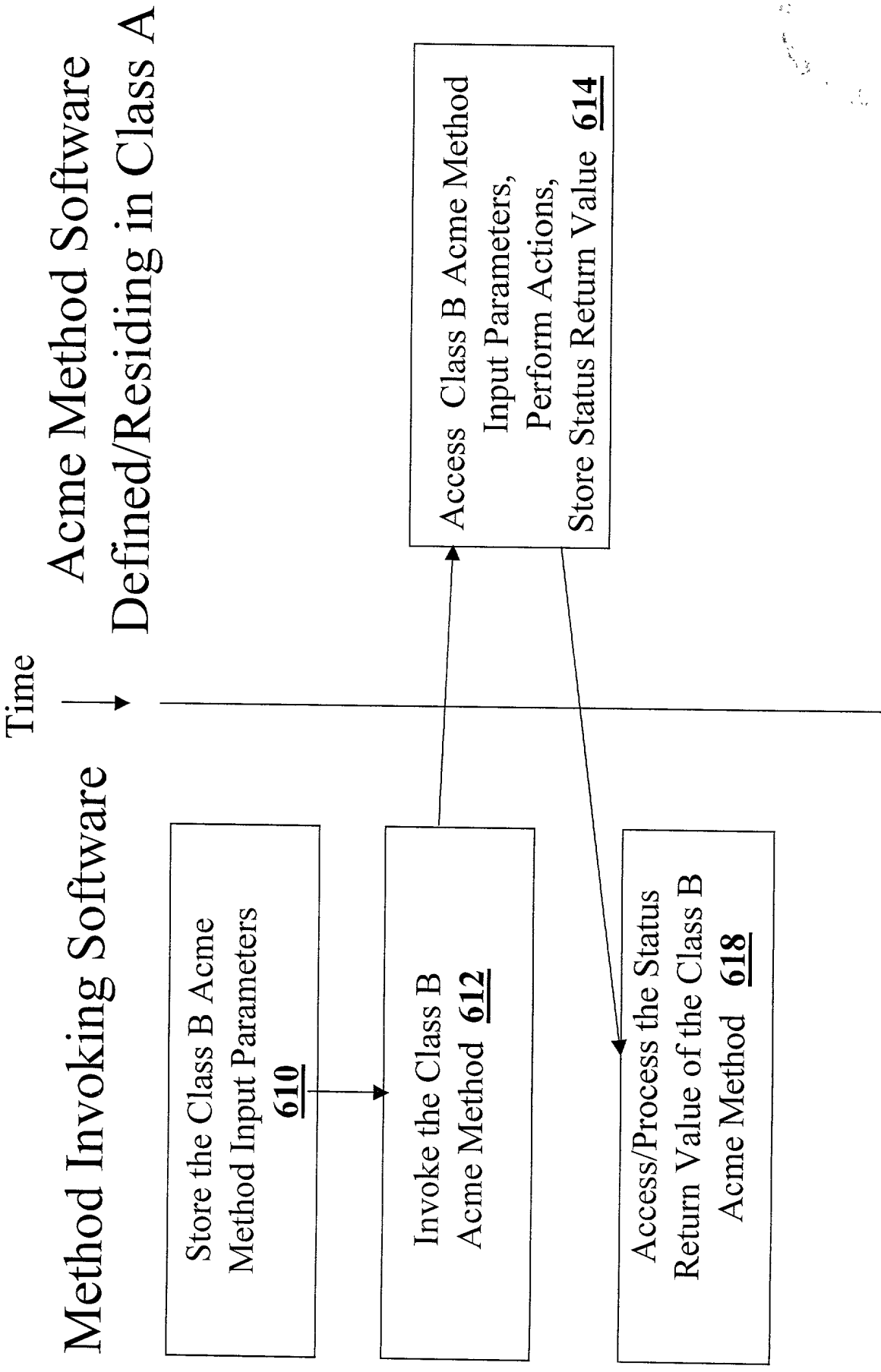
**FIG. 4** Class/Object Internal Components



**FIG. 5**

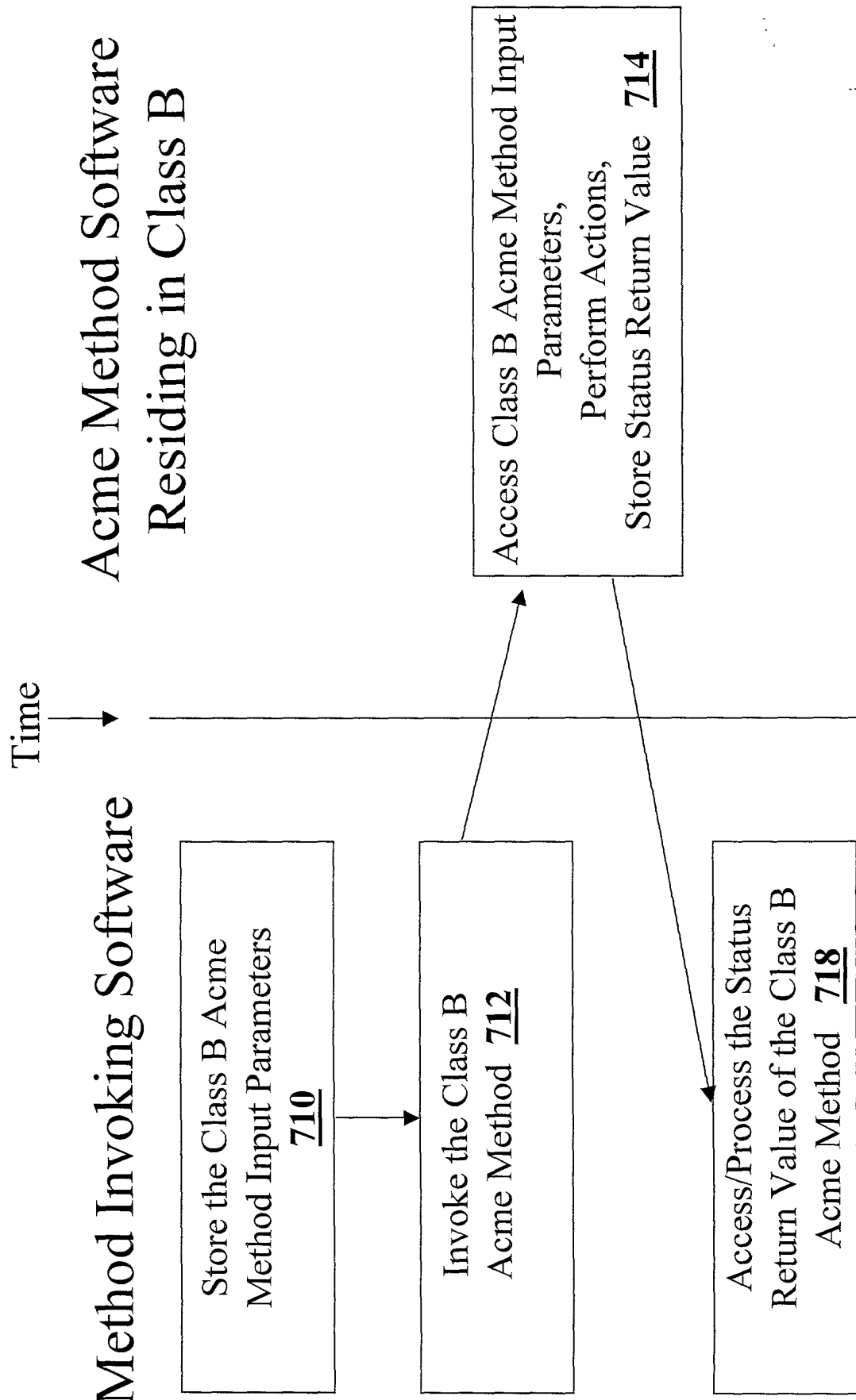


**FIG. 6 Fully Inherited Method Invocation**





**FIG. 7 Fully Overridden Method Invocation**



# FIG. 8 Partially Overridden Method Invocation

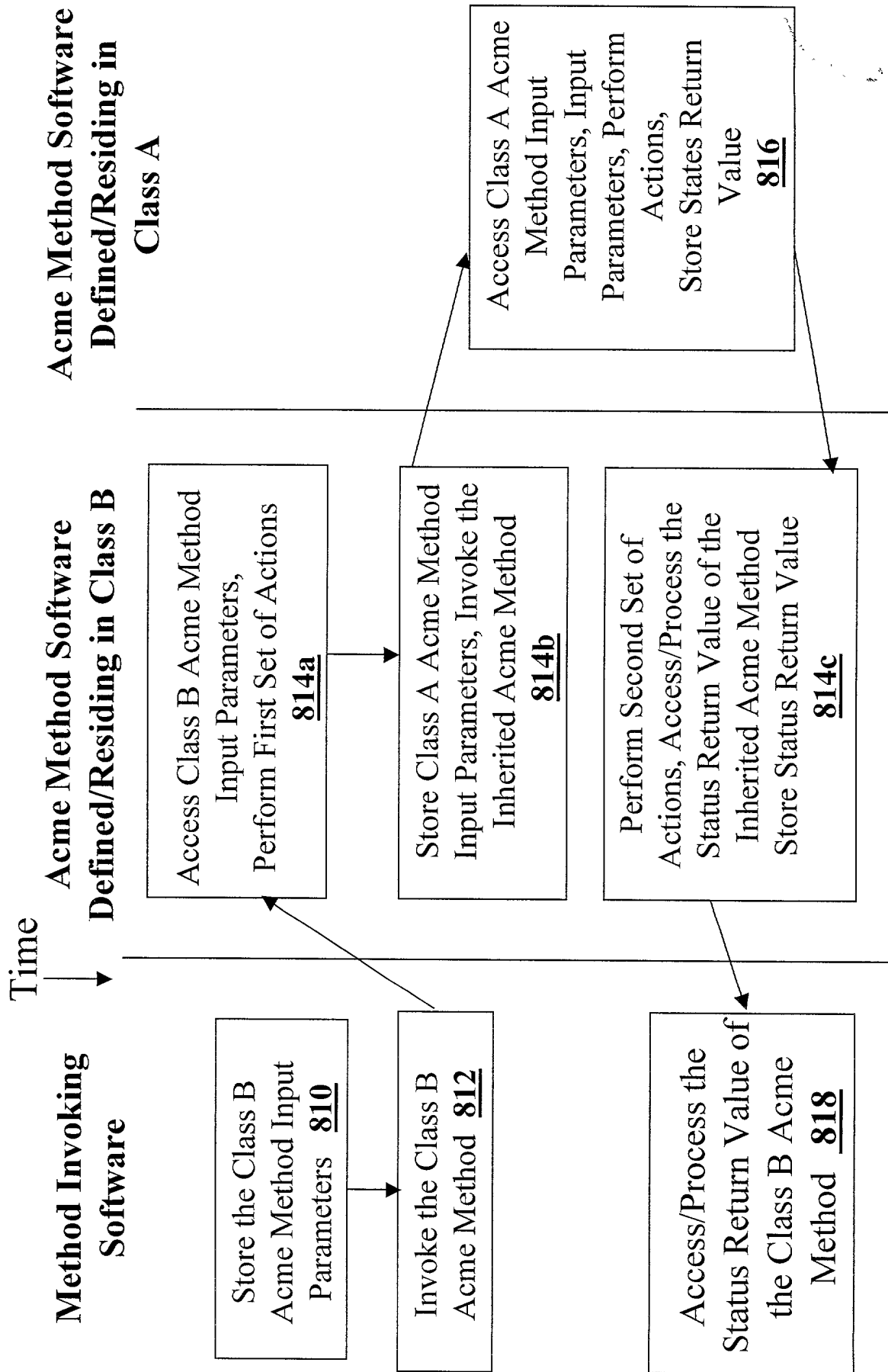


FIG. 9 Class Interceptor Instrumentation

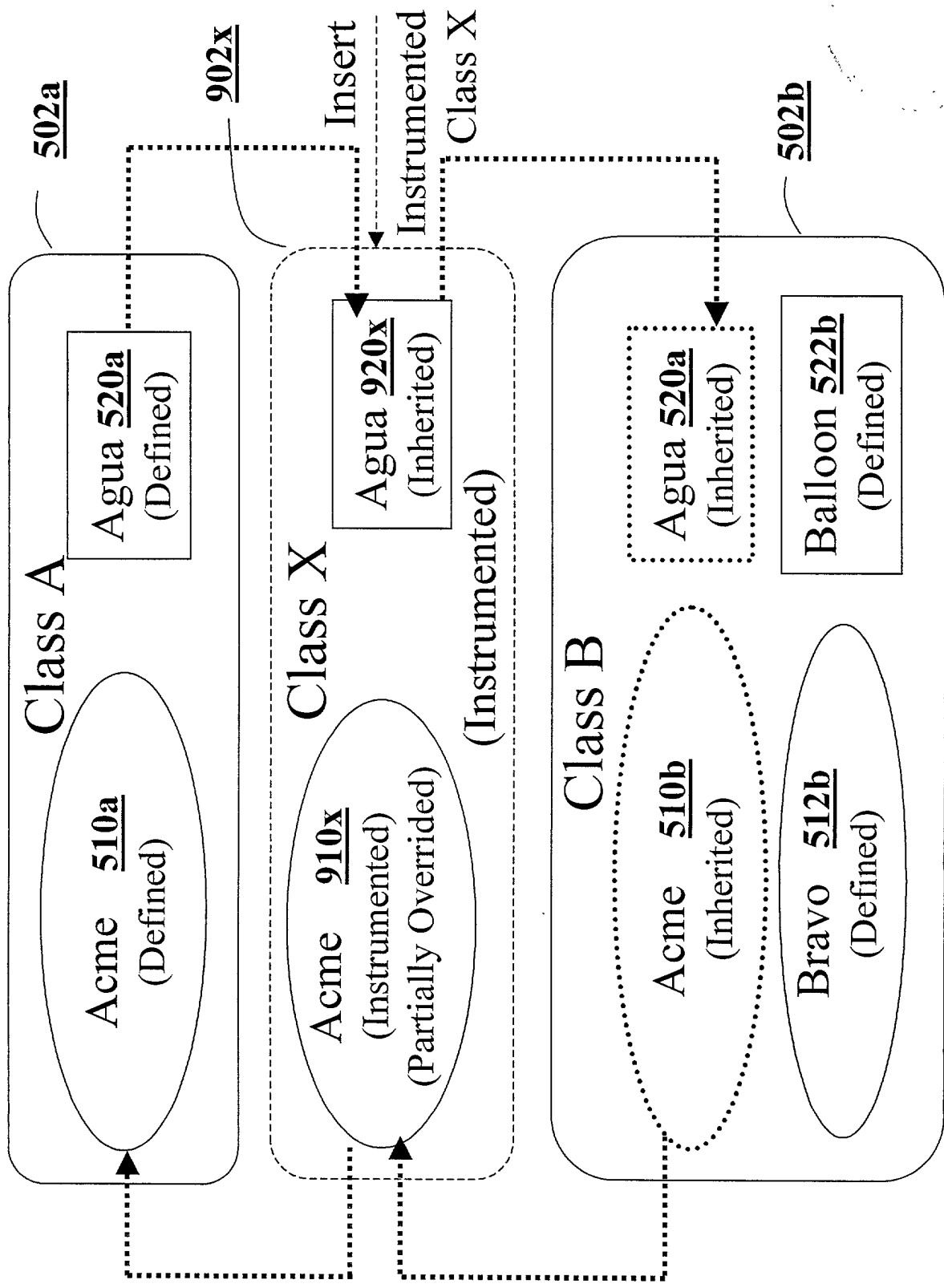


FIG. 10 Class Doppelganger Instrumentation

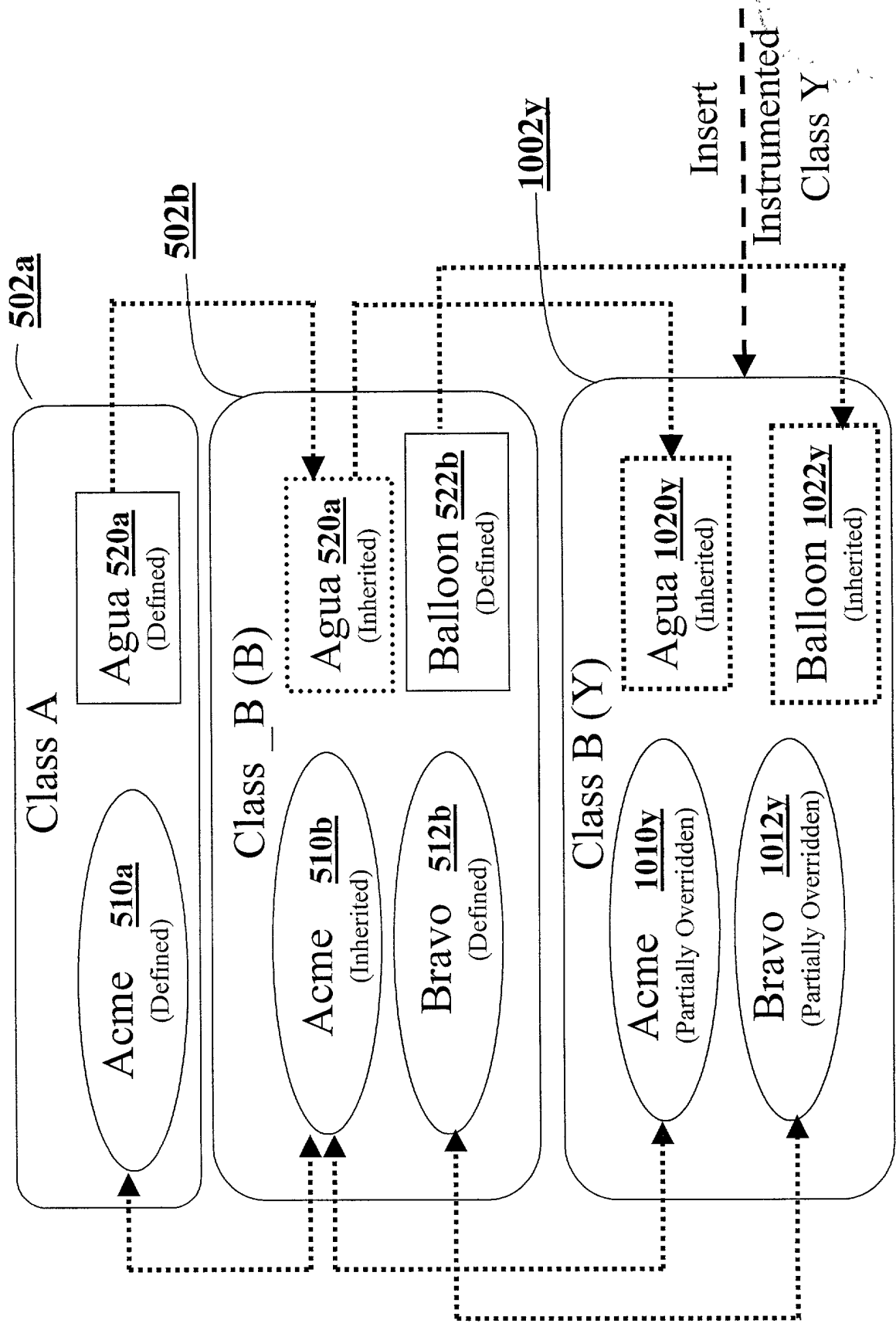
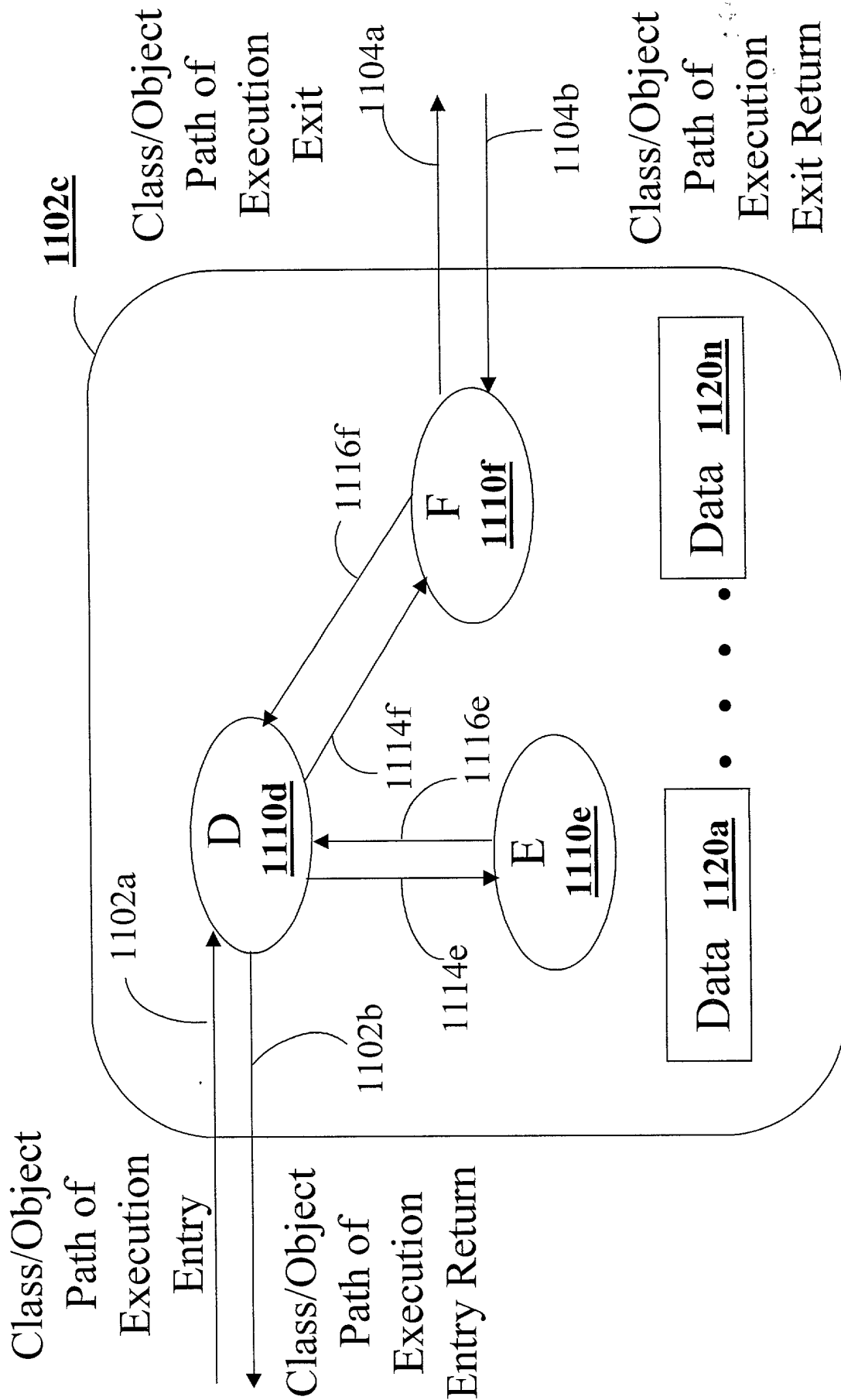


FIG. 11 Class C Internal Components



# Method Hijacking Instrumentation Class Z Internal Components

FIG. 12

Class/Object  
Path of  
Execution  
Entry

Class/Object  
Path of  
Execution  
Entry Return

Class/Object  
Path of  
Execution  
Exit

Class/Object  
Path of  
Execution  
Exit Return

